

6. Memory Modules

6-1 PC4300 DDR II RAM (DDR-533)

System Configuration			
MB Barcode	408 6A20441898		
Device Configuration	Manufacturer	Model No.	Spec.
	Processor	Intel Core2Duo E6400 2.13G	FSB1066MHZ
	Memory	As Follows	
	VGA Card	MSI MS-V034-080(NX7300GS-TD128EB)	PCI-Express 16X,128MB
	Lan Card	Realtek RTL81105C	
	Sound Card	Realtek ALC888	Azalia
	Hard Drive	HITACHI HDT722516DLA380	164GB
	CD-ROM	BENQ 1650S	16X DVD-ROM,ATA 33
	Floppy Drive	SAMSUNG SFD-321B	1.44MB
	Power Supply	Hunt key HK500-52AP	
	Mouse	雙飛燕 3D SWW-22	PS/2
	Keyboard	BENQ 6511-VA	PS/2
Monitor	PHILIPS 105E	17"CRT	
SW Info	VGA BIOS	Version 5.72.22.34.00	
	VGA Driver	6.14.10.9131	(from VN31020 - CD)
	MB Driver		(from MI31004- CD)

		Model	Size	Memory Slot				BIOS / OS Memory Information	Memory Bandwidth Benchmark	R.S.T
				1	2	3	4			
S3	A-DATA	M2OSS2F3G3110A1B0Z (SEC K4T5608QF-GCD5)	256MB	V				OK	OK	OK
				V		V		OK	OK	OK
S3	HYNIX	HYMP532U646-C4 (HYNIX HY5PS121621 F-C4)	256MB	V				OK	OK	OK
				V		V		OK	OK	OK
S4	Infineon	HYS64T32000GU-3.7-A (Infineon HYB18T512160AC-3.7)	256MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S2	Kingston	KVR533D2N4/256 (ELPIDA)	256MB	V				OK	OK	OK
				V		V		OK	OK	OK
S3	Nanya	NT256T64UH4A0F-37B (Nanya NT5TU32M16AF-37B)	256MB	V				OK	OK	OK
				V		V		OK	OK	OK
S3	SEC	M378T3253FG0-CD5DS (SEC K4T56083F-GCD5)	256MB	V				OK	OK	OK
				V		V		OK	OK	OK
S2	SEC	M378T3253FG0-CD5 (SEC K4T56083QF-GCD5)	256MB	V				OK	OK	OK
				V		V		OK	OK	OK
S3	AENEON	AET660UD00-370B97X (AENEON AET93R370B)	512MB	V				OK	OK	OK
				V		V		OK	OK	OK

S2	Infineon	HYS64T64000HU-3.7-B (Infineon HYB18T512 800BF37)	512MB	V				OK	OK	OK
				V		V		OK	OK	OK
S5	KINGSTON	KVR533D2N4/512 (Hynix HY5PS12821CFP-Y5)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S4	Micron	MT4HTF6464AY-53EE1 (Micron D9HNV)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
D3	AENEON	AET760UD00-370A98S (AENEON AET92F370 A)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D3	AENEON	AET760UD00-370A98Z (AENEON AET93F370A)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	AENEON	AET760UD00-370B97S (AENEON AET92R370B)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	AENEON	AET760UD00-370B97X (AENEON AET93R370B)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D5	KINGSTON	KVR533D2N4/1G (Hynix HY5PS12821CFP-Y5)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
S4	Micron	MT8HTF12864AY-53EE1 (Micron D9HNNH)	1GB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
D4	PQI	MEABR403NA (ELPIDA E5104AE-5C-E)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK

		Model	Size	Memory Slot				BIOS / OS Memory Information	Memory Bandwidth Benchmark	R.S.T
				1	2	3	4			
D4	Transcend	JM533QLJ-1G[KS] (Transcend TQ123PGF6)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	Transcend	TS128MLQ64V5J[NH] (Qimonda HYB18T512800AF37)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	TwinMOS	8DE22KB5STFTP (TwinMOS TMM6208G8M25D)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	KINGSTON	KVR533D2N4/2G (ELPIDA E1108AB-6E-E)	2GB	V				OK	OK	OK
				V		V		OK	OK	OK

6-2 PC5300 DDR II RAM (DDR-667)

System Configuration			
MB Barcode		408 6A20441898	
Device Configuration	Manufacturer	Model No.	Spec.
	Processor	Intel	Core2Duo E6400 2.13G
	Memory	As Follows	
	VGA Card	MSI	MS-V034-080(NX7300GS-TD128EB)
	Lan Card	Realtek	RTL81105C
	Sound Card	Realtek	ALC888
	Hard Drive	HITACHI	HDT722516DLA380
	CD-ROM	BENQ	1650S
	Floppy Drive	SAMSUNG	SFD-321B
	Power Supply	Hunt key	HK500-52AP
	Mouse	雙飛燕	3D SWW-22
	Keyboard	BENQ	6511-VA
	Monitor	PHILIPS	105E
SW Info	VGA BIOS	Version 5.72.22.34.00	
	VGA Driver	6.14.10.9131	(from VN31020 - CD)
	MB Driver		(from MI31004- CD)

PC5300 DDR II RAM (DDR-667)

		Model	Size	Memory Slot				BIOS / OS Memory Information	Memory Bandwidth Benchmark	R.S.T
				1	2	3	4			
S4	Infineon #	HYS64T32000HU-3S-A (Infineon HYB18T512160AF-3S)	256MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S4	Infineon	HYS64T32000HU-3S-B (Infineon HYB18T512160BF-3S)	256MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S4	SEC #	M378T3253FZ3-CE6 (SEC K4T56083QF-ZCE6)	256MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S3	SEC	M378T3354CZ3-CE6 (SEC K4T51163QC-ZCE6)	256MB	V				OK	OK	OK
				V		V		OK	OK	OK
S2	A-DATA	M2OHY5G3H3160A1C0Z (鉄殼)	512MB	V				OK	OK	OK
				V		V		OK	OK	OK
S3	A-DATA	M2OAD5G3H316611C52 (鉄殼)	512MB	V				OK	OK	OK
				V		V		OK	OK	OK
S4	A-DATA	M2OAD5G3H316611C52 (A-DATA AD29608A8A-3EC)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S3	AENEON	AET660UD00-30DA98Z	512MB	V				OK	OK	OK

		(AENEON AET93F30DA)		V		V			OK	OK	OK
S2	AENEON	AET660UD00-30DB97X	512MB	V					OK	OK	OK
		(AENEON AET93R30DB)		V		V			OK	OK	OK
S3	Apacer	78.91G92.9KC	512MB	V					OK	OK	OK
		(Apacer AM4B5708GQJS7E)		V		V			OK	OK	OK
S2	BiaoXing	BVDD512M667C4	512MB	V					OK	OK	OK
		(Team 0549T 64MX08)		V		V			OK	OK	OK
S2	BiaoXing	BVDD512M667C5 [BiaoXing]	512MB	V					note*1-266.5	OK	OK
		(BiaoXing 0627K 64PX08)		V		V			note*1-266.5	OK	OK
S3	BiaoXing	BVDD512M667C5 [AENEON]	512MB	V					OK	OK	OK
		(AENEON AET93F30D)		V		V			OK	OK	OK
S3	CORSAIR	VALUESELECT VS512MB667D2	512MB	V					OK	OK	OK
		(CORSAIR 64M8CEC)		V		V			OK	OK	OK
S2	CORSAIR	XMS2 Xtreme CM2X512-5400C4	512MB	V					OK	OK	OK
		(鐵殼)		V		V			OK	OK	OK
S3	Geil	A008E6464T1AG9AKT6G5	512MB	V					OK	OK	OK
		(GEIL GL2L64G088BA37AW)		V		V			OK	OK	OK
S4	Geil	GX21GB5300LDC	512MB	V		V			OK	OK	OK
		(鐵殼)		V	V	V	V		OK	OK	OK
S3	Infineon	HYS64T64000HU-3S-B	512MB	V					OK	OK	OK
		(Infineon HYB18T512800BF3S)		V		V			OK	OK	OK

		Model	Size	Memory Slot				BIOS / OS Memory Information	Memory Bandwidth Benchmark	R.S.T
				1	2	3	4			
S3	KINGMAX	KLCC28F-A8KB5 [FGFS]	512MB	V				OK	OK	OK
		(KINGMAX KKEA88B4LZUG-25DF)		V		V		OK	OK	OK
S4	KINGMAX	KLCC28F-A8KB5[FGES]	512MB	V		V		OK	OK	OK
		(KINGMAX KKEA88B4LAUG-29DX)		V	V	V	V	OK	OK	OK
S3	KINGMAX	KLCC28F-A8K15[EGES]	512MB	V				OK	OK	OK
		(KINGMAX KKA8FEIBF-HJK-30A)		V		V		OK	OK	OK
S3	KINGBOX		512MB	V				OK	OK	OK
		(KINGBOX DDR2640800-667)		V		V		OK	OK	OK
S3	KINGSTON	KHX6400D2/512	512MB	V				OK	OK	OK
		(鐵殼)		V		V		OK	OK	OK
S4	KINGSTON	KVR667D2N5/512	512MB	V		V		OK	OK	OK
		(Kingston)		V	V	V	V	OK	OK	OK
S4	Micron	MT4HTF6464AY-667E1	512MB	V		V		OK	OK	OK
		(Micron D9HNZ)		V	V	V	V	OK	OK	OK
S4	OCI	04751208CX5S1G	512MB	V		V		OK	OK	OK
		(Infinity 64M8PC5300)		V	V	V	V	OK	OK	OK
D4	PQI	MEAE-303HA	512MB	V				OK	OK	OK

		Model	Size	Memory Slot				BIOS / OS Memory Information	Memory Bandwidth Benchmark	R.S.T
				1	2	3	4			
D3	GEIL	GE10245300[鉄殻]	1GB	V				OK	OK	OK
		(鉄殻)		V		V		OK	OK	OK
D4	Geil	GX22GB5300LDC	1GB	V				OK	OK	OK
		(鐵殼)		V		V		OK	OK	OK
D3	GEIL	GE10245300	1GB	V				OK	OK	OK
		(GEIL GL2L64G088BA30P)		V		V		OK	OK	OK
D4	Infineon	HYS64T128020HU-3S-B	1GB	V				OK	OK	OK
		(Infineon HYB18T512800BF3S)		V		V		OK	OK	OK
D2	KINGBOX		1GB	V				OK	OK	OK
		(KINGBOX DDR2640800-667)		V		V		OK	OK	OK
D4	KINGBOX	EP1GD2667PS	1GB	V				OK	OK	OK
		(KINGBOX EPD264082200E-4)		V		V		OK	OK	OK
D4	KINGBOX	UP1GD2667PS	1GB	V				OK	OK	OK
		(KINGBOX ULD264082200P-4)		V		V		OK	OK	OK
D4	KINGMAX	KLCD48F-A8KB5 [FHES]	1GB	V				OK	OK	OK
		(KINGMAX KKEA88B4LAUG-29DX)		V		V		OK	OK	OK
D4	KINGMAX	KLCD48F-A8KB5 [FHFS]	1GB	V				OK	OK	OK
		(KINGMAX KKEA88B4LZUG-25DF)		V		V		OK	OK	OK
D4	KINGMAX	KLCD48F-A8KI5[EHEs]	1GB	V				OK	OK	OK
		(KINGMAX KKA8FEIBF-HJK-30A)		V		V		OK	OK	OK
D3	KINGMAX	KLCD48F-A8KL5 [PHES]	1GB	V				OK	OK	OK
		(KINGMAX KKEA88L4PAUG-29AP)		V		V		OK	OK	OK
D4	KINGSTON	KHX6000D2/1G	1GB	V				OK	OK	OK
		(鉄殻)		V		V		OK	OK	OK
D4	KINGSTON	KHX6400D2/1G	1GB	V				OK	OK	OK
		(鉄殻)		V		V		OK	OK	OK
D4	KINGSTON	KHX6400D2LLK2/2G	1GB	V				OK	OK	OK
		(鉄殻)		V		V		OK	OK	OK
D4	KINGSTON	KVR667D2N5/1G	1GB	V				OK	OK	OK
		(HYNIX HY5PS12821BFP-Y5)		V		V		OK	OK	OK
D4	KINGTIGER	KTG2Rx16CPC2-5300S	1GB	V				OK	OK	OK
		(KINGTIGER KTG667PS6408 NST-C6)		V		V		OK	OK	OK
S4	NANYA	NT1GT64U88B0JY-3C	1GB	V		V		OK	OK	OK
		OCI		V				OK	OK	OK
D4		04701G16CX5S1G	1GB	V				OK	OK	OK
		(Infinity 64M8PC5300)		V		V		OK	OK	OK
D4	ProMOS	V916765K24QBFW-F5	1GB	V				OK	OK	OK
		(ProMOS V59C1512804QBF3)		V		V		OK	OK	OK

	PSC	AL7E8E63B-6EA1T (PSC A3R12E3GEF-G6EA)	1GB	V				OK	OK	OK
D4				V		V		OK	OK	OK
	Qimonda	HYS64T128020EU-3S-B2 (Qimonda HYB18T512800B2F3S)	1GB	V				OK	OK	OK
D4				V		V		OK	OK	OK
	SEC	M378T2953CZ3-CE6 (SEC K4T51083QC)	1GB	V				OK	OK	OK
D4				V		V		OK	OK	OK
	Transcend	JM667QLJ-1G[LM] (Transcend TQ123PGF6)	1GB	V				OK	OK	OK
D4				V		V		OK	OK	OK
	Transcend	[TE] (SEC K4T51083QC)	1GB	V				OK	OK	OK
D4				V		V		OK	OK	OK
	Transcend	[WB] (JetRam J12Q3AB-6)	1GB	V				OK	OK	OK
D3				V		V		OK	OK	OK
	Transcend	TS128MLQ64V6J[TE] (SEC K4T51083QE)	1GB	V				OK	OK	OK
D4				V		V		OK	OK	OK
	TwinMOS	8D23KK-TT (TwinMOS TMM6208G8M30A)	1GB	V				OK	OK	OK
D2				V		V		OK	OK	OK
	UMAX	53016035-7100B (UMAX U2S12D30TP-6E)	1GB	V				OK	OK	OK
D4				V		V		OK	OK	OK

		Model	Size	Memory Slot				BIOS / OS Memory Information	Memory Bandwidth Benchmark	R.S.T
				1	2	3	4			
D4	KINGBOX	EP2GD2667PS (KINGBOX EPD2128082200-4)	2GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	KINGSTON	KVR667D2N5/2G (ELPIDA E1108AB-6E-E)	2GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	Micron	MT16HTF25664AY-667E1 (Micron D9HNL)	2GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	NANYA	NT2GT64U8HB0JY-3C (NANYA NT5TU128M8BJ-3C)	2GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	Qimonda	HYS64T256020EU-3S-B (Qimonda HYB18T1G800BF-3S)	2GB	V				OK	OK	OK
				V		V		OK	OK	OK

6-3 PC6400 DDR II RAM (DDR-800)

System Configuration			
MB Barcode	408 6A20441898		
Device Configuration	Manufacturer	Model No.	Spec.
	Processor	Intel Core2Duo E6400 2.13G	FSB1066MHZ
	Memory	As Follows	
	VGA Card	MSI MS-V034-080(NX7300GS-TD128EB)	PCI-Express 16X,128MB
	Lan Card	Realtek RTL81105C	
	Sound Card	Realtek ALC888	Azalia
	Hard Drive	HITACHI HDT722516DLA380	164GB
	CD-ROM	BENQ 1650S	16X DVD-ROM,ATA 33
	Floppy Drive	SAMSUNG SFD-321B	1.44MB
	Power Supply	Hunt key HK500-52AP	
	Mouse	雙飛燕 3D SWW-22	PS/2
	Keyboard	BENQ 6511-VA	PS/2
Monitor	PHILIPS 105E	17" CRT	
SW Info	VGA BIOS	Version 5.72.22.34.00	
	VGA Driver	6.14.10.9131	(from VN31020 - CD)
	MB Driver		(from MI31004- CD)

灰底色部分請按照如下測試:

- 1.要將 Memory 電壓調到 2.3V.
- 2.要將 SPD 設成 Manual, CAS# Latency -> 3, RAS# to CAS# Delay[Trcd] ->3, RAS# Precharge[Trp] ->3, Cycle Time[Tras] ->8.
- 3.進 XP 用 CPU-Z 看,確認有抓到 3.3.3.8.再進行測試, 若板子無法更改就註明 no Support.

PC6400 DDR II RAM (DDR-800)

		Model	Size	Memory Slot				BIOS / OS Memory Information	Memory Bandwidth Benchmark	R.S.T
				1	2	3	4			
S4	A-DATA	M2OEL6F3G3160A1E0Z	256MB	V		V		OK	OK	OK
		(鐵殼)		V	V	V	V	OK	OK	OK
S3	TwinMOS	8G24IK-TW	256MB	V				OK	OK	OK
		(鐵殼)		V		V		OK	OK	OK
S4	A-DATA	M2OAD6G3H3160I1E53	512MB	V		V		OK	OK	OK
D3	A-DATA	M2OEL6F3H4170A1E0Z	512MB	V				OK	OK	OK
		(鐵殼)		V		V		OK	OK	OK
S3	AENEON	AET660UD00-25DB98X	512MB	V				OK	OK	OK
		(AENEON AET93F25DB)		V		V		OK	OK	OK
S2	CORSAIR	XMS2 Xtreme CM2X512A-6400	512MB	V				OK	OK	OK
		(鐵殼)		V		V		OK	OK	OK
S4	GEIL	GX21GB6400DC	512MB	V		V		OK	OK	OK

		(鉄殻)		V	V	V	V	OK	OK	OK
S4	KINGMAX	KLDC28F-A8KI5 [EGES] (KINGMAX KKA8FEIBF-HJK-25A)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S4	Kingston	KHX6400D2ULK2/1G (鉄殻)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S4	OCi	04751208CZ5U2D (Infinity 64M8PC6400)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S4	ProMOS	V916764K24QBFW-G5 (ProMOS V59C1512804QBF25)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	Fail*2- Jump
S4	PSC	AL6E8E63H-8E1K (PSC A3R12E3HEF-G8E)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK

		Model	Size	Memory Slot				BIOS / OS	Memory	R.S.T
				1	2	3	4	Memory Information	Bandwidth Benchmark	
S4	Qimonda	HYS64T6400EU-2.5-B2	512MB	V		V		OK	OK	OK
S4	Super Talent	T800UA12C4	512MB	V		V		OK	OK	OK
S4	Transcend	[VB] (SEC K4T51083QC)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
S4	Transcend	[VB] (HYNIX HY5PS12812B)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
D3	TwinMOS	8D-25JK2-ECTZ (ELPIDA E2508AB-6E-E)	512MB	V				OK	OK	OK
				V		V		OK	OK	OK
S4	TwinMOS	8DE25JK5MTETP (TwinMOS TMM6208G8M25B)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
D3	AENEON	AET760UD00-25DB97X (AENEON AET93R25DB)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D3	Apacer	78.01G9K.AUC	1GB	V				OK	OK	OK
	Apacer	78.01G9I.AUC	1GB	V				OK	OK	OK
D4		(Apacer AM4B5708BHJS8E)		V		V		OK	OK	OK
D4	GEIL	GX22GB6400DC (鉄殻)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D3	HYNIX	HYMP512U64BP8-S5 (HYNIX HY5PS12821BFP-S5)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D3	KINGBOX	EP1GD2800PS [Micron] (Micron D9GMH)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D3	KINGBOX	EP1GD2800PS [KINGBOX]	1GB	V				OK	OK	OK

PC 8500(DDRII 1066)

		Model	Size	Memory Slot				BIOS / OS Memory Information	Memory Bandwidth Benchmark	R.S.T
				1	2	3	4			
S3	CORSAIR	XMS2 (CM2X512-8500) (鉄殻)	512MB	V				OK	OK	OK
				V		V		OK	OK	OK
S4	TwinMOS	8DP28JK5MTYWP (鉄殻)	512MB	V		V		OK	OK	OK
				V	V	V	V	OK	OK	OK
D3	KINGBOX	UL1GD21066PS (Micron D9GMH)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK
D4	TwinMOS	8DP28KK5MTYWP (鉄殻)	1GB	V				OK	OK	OK
				V		V		OK	OK	OK

Note*1: This DDRII 667 Memory will down to DDRII533 (The same with other Intel Chipsets)

Fail*2: Fail in R.S.T test

Fail*3: Unbootable

Note2: DDRII 667 will down to 533MHz with all DIMMs installed, DDRII800 and DDRII1066 will down to DDRII667.